PA - IDC

QUERY CONTROL FORM				RTIS USE ONLY	
Application No.	09746390	Prepared by	EWC	Tracking Number	0587 1431
Examiner-GAU	FOX 1638	Date	1/12/04	Week Date	12/08/03
		No. of queries	-1-	IFW	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION

a. Page Missing
b. Text Continuity
c. Holes through Data
d. Other Missing Text
e. Illegible Text
f. Duplicate Text
g. Brief Description
h. Sequence Listing
i. Appendix
j. Amendments
k. Other

CLAIMS

a. Claim(s) Missing
b. Improper Dependency
c. Duplicate Numbers
d. Incorrect Numbering
e. Index Disagrees
f. Punctuation
g. Amendments
h. Bracketing
i. Missing Text
j. Duplicate Text
k. Other

MESSAGE

Handwritten data in C9 amendment is unreadable. Please provide printed copy see attached. Thank you CWC

initials

RESPONSE Handwritten data in C9 were Examiner notes in pencil, prior to scanning the paper file. Applicant subsequently made other amendments to the claim on which C9 depends, so these penciled notes did not need to be made. Clean copy of C9 enclosed. NO GROUP ERROR

initials DJF 2/18/04

E-5 (Rev. 10/01/02)

C5

wherein said reduction of the amount of said protein results in the plant cell producing a modified starch.

C6

65. (Twice Amended) The method of claim 61 or 62, wherein the enzyme activity of at least one further enzyme involved in the starch biosynthesis and/or modification is reduced.

C7

68. (Twice Amended) A plant cell obtainable by the method of claim 61 or 62.

C8

73. (Twice Amended) A propagation material of the plant according to claim 69, wherein the propagation material comprises the plant cell.

C9

81. (Twice Amended) The transgenic plant cell of claim 54 wherein the amount of a protein is reduced in the transgenic plant cell when compared to the wild-type plant cell, wherein the protein is present in the plant cell in starch granule-bound form as well as in soluble form and that is involved in the phosphorylation of starch when expressed in plants and/or that increases the phosphorylation of glycogen when expressed in *E. coli*, and wherein the protein is encoded by a nucleic acid molecule selected from the group consisting of:

(a) a nucleic acid molecule encoding a protein with the amino-acid sequence indicated in SEQ ID NO: 2;

(b) a nucleic acid molecule comprising the coding region of the nucleotide sequence indicated in SEQ ID NO: 1;

(c) a nucleic acid molecule hybridizing to a nucleic acid molecule of (a) or (b) under stringent conditions;

(d) a nucleic acid molecule the sequence of which is degenerate as a result of the genetic code to a nucleic acid molecule of (a) or (b); and

C9

(e) a fragment, derivative or allelic variant of a nucleic acid molecule of (a), (b), (c), or (d), wherein the fragment, derivative or allelic variant encodes a polypeptide that is present in plant cells in starch granule-bound form as well as in soluble form and that is involved in the phosphorylation of starch when expressed in plants and/or that increases the phosphorylation of glycogen when expressed in *E. coli*.

92. (Amended) A propagation material of the plant according to claim 88, wherein the propagation material comprises the plant cell.

C10

93. (Amended) A propagation material of the plant according to claim 89, wherein the propagation material comprises the plant cell.

Add claims 96-106 as follows:

96. (Added) The transgenic plant of claim 69, wherein the plant is selected from the group consisting of: rye, barley, oats, wheat, rice, maize, peas and cassava.

C11

97. (Added) The transgenic plant of claim 88, wherein the plant is selected from the group consisting of: rye, barley, oats, wheat, rice, maize, peas and cassava.